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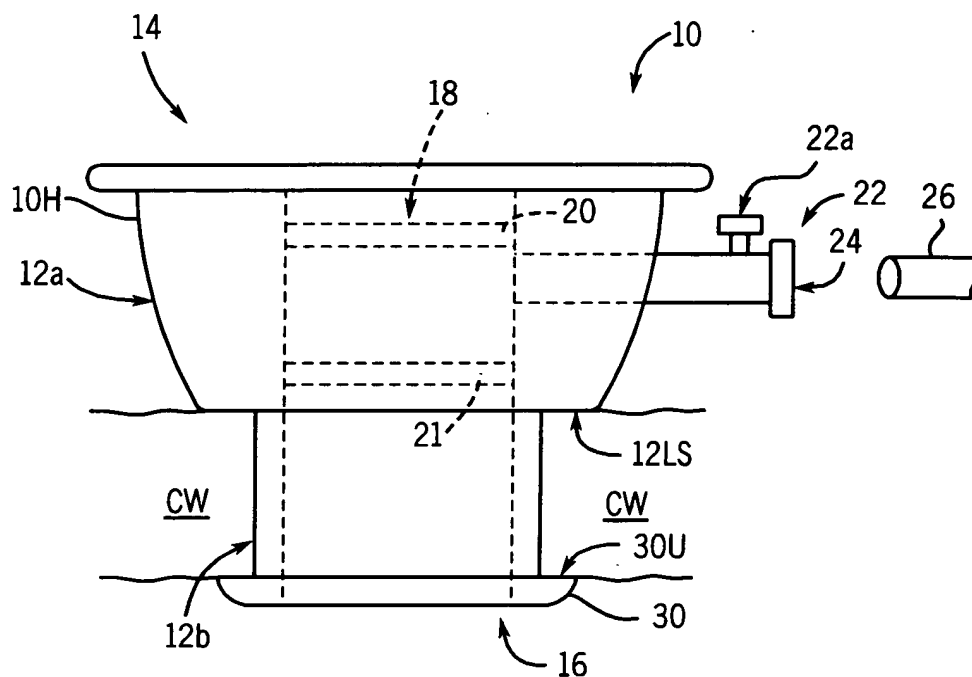


FIG. 1

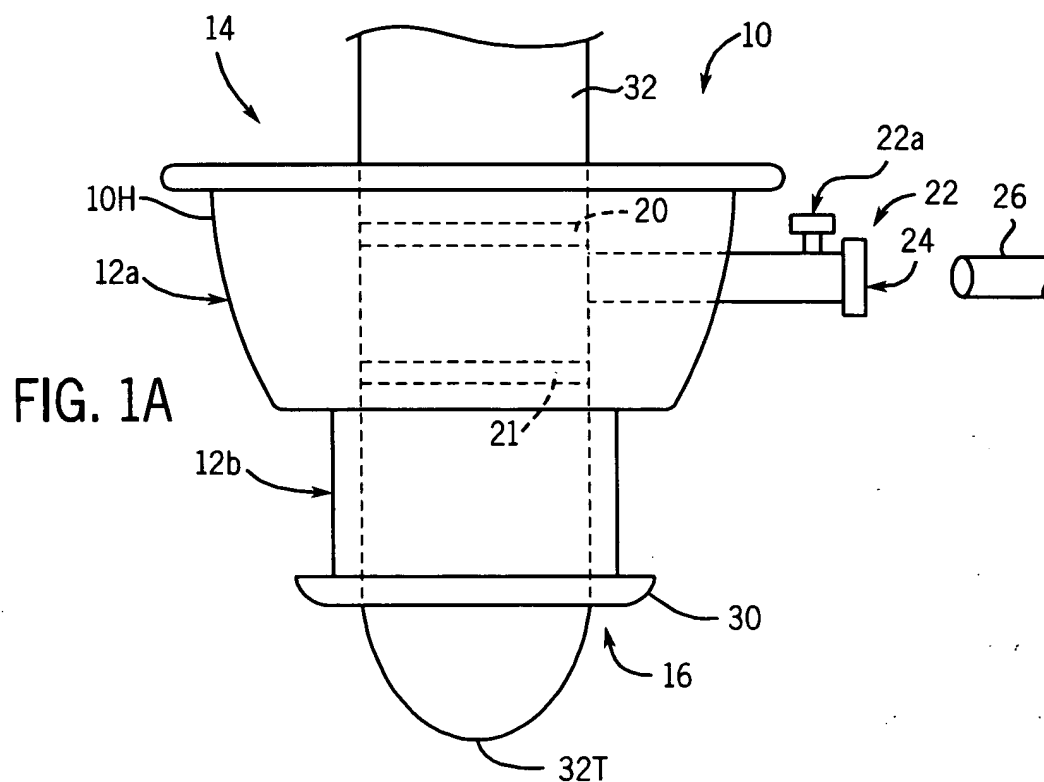
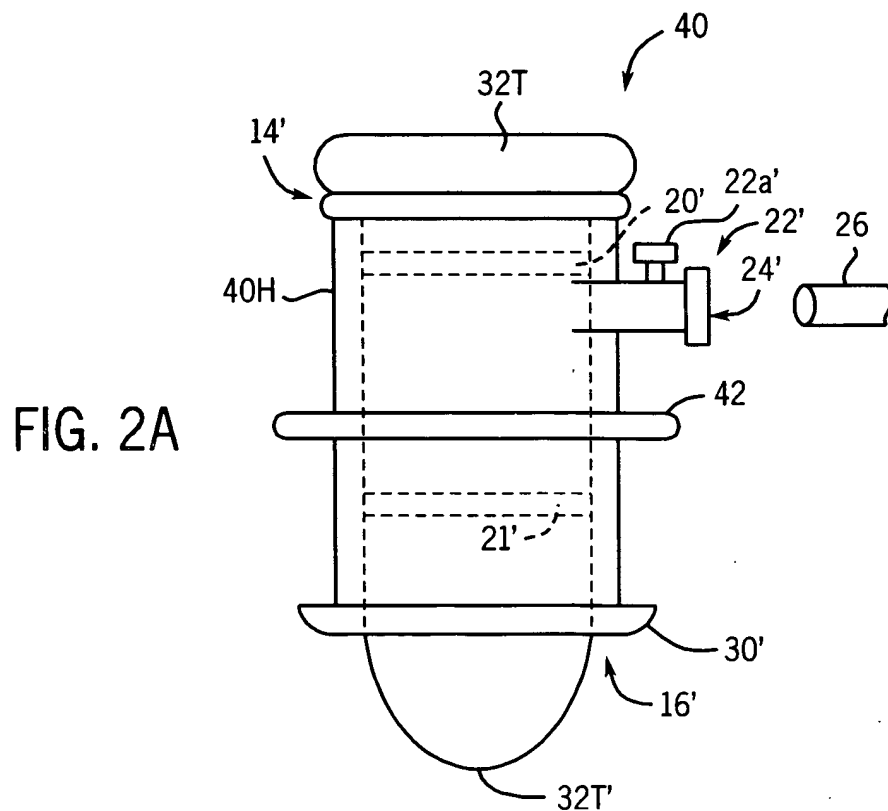
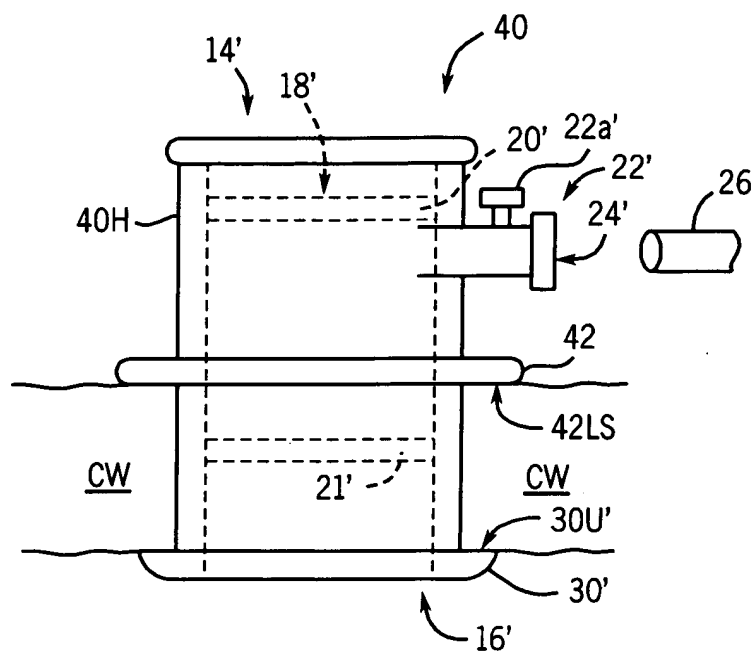


FIG. 1A

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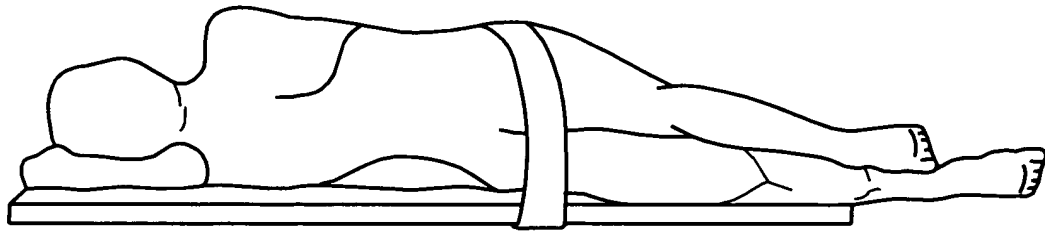


FIG. 3A

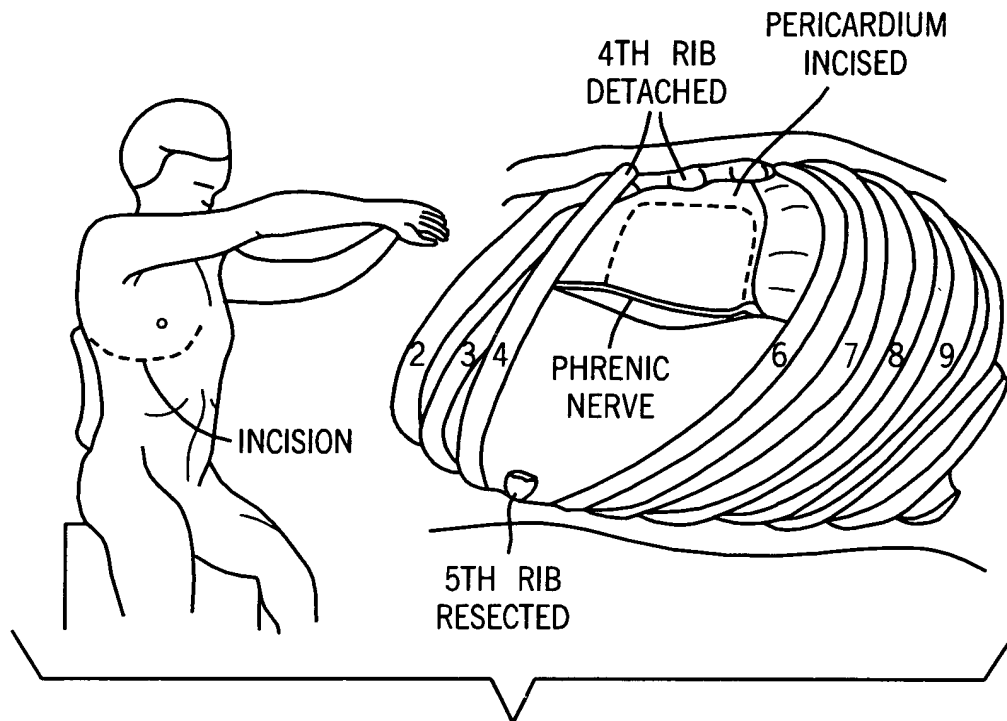
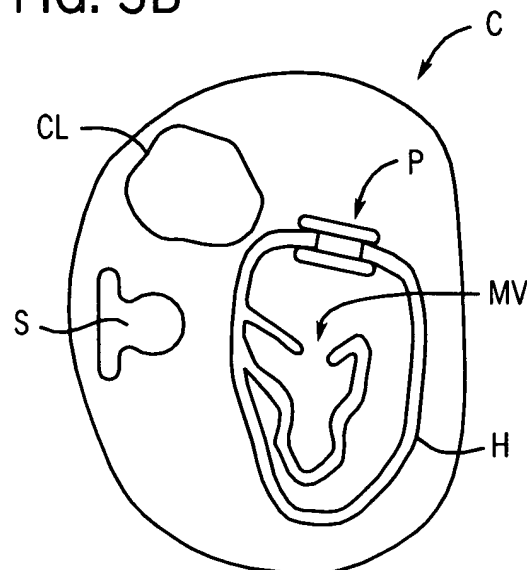
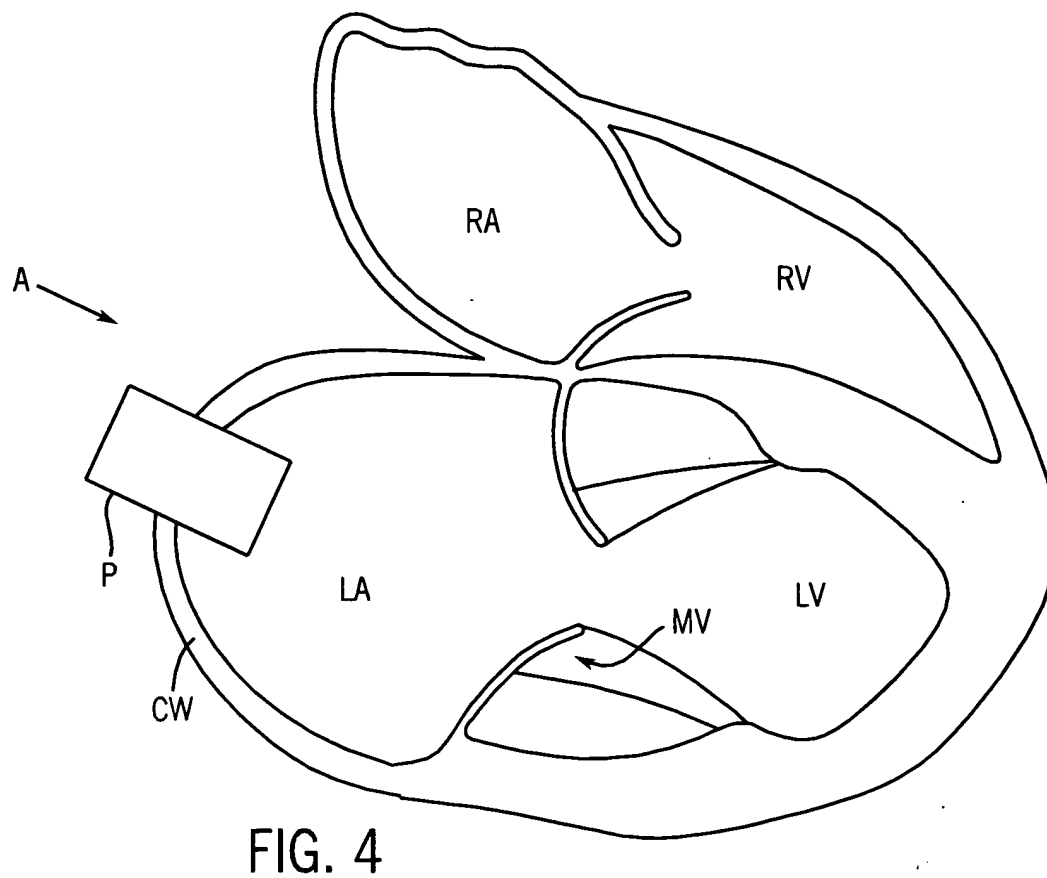
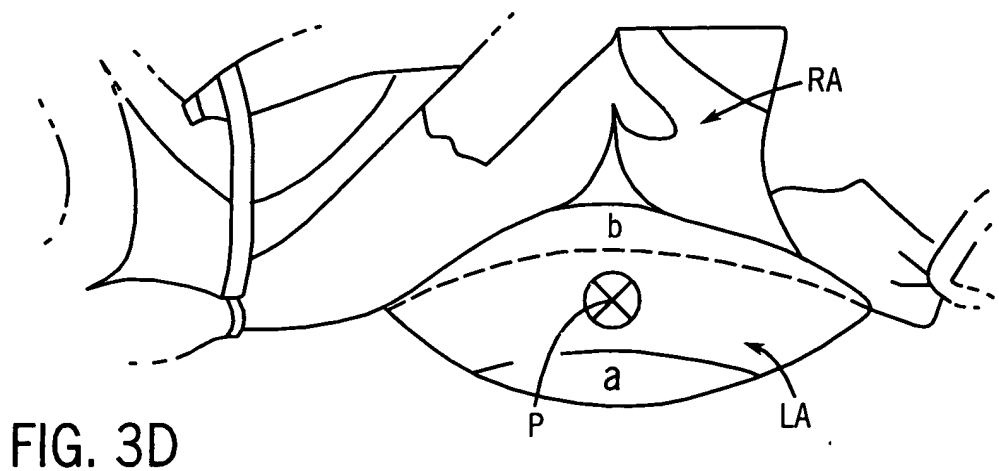


FIG. 3B

FIG. 3C



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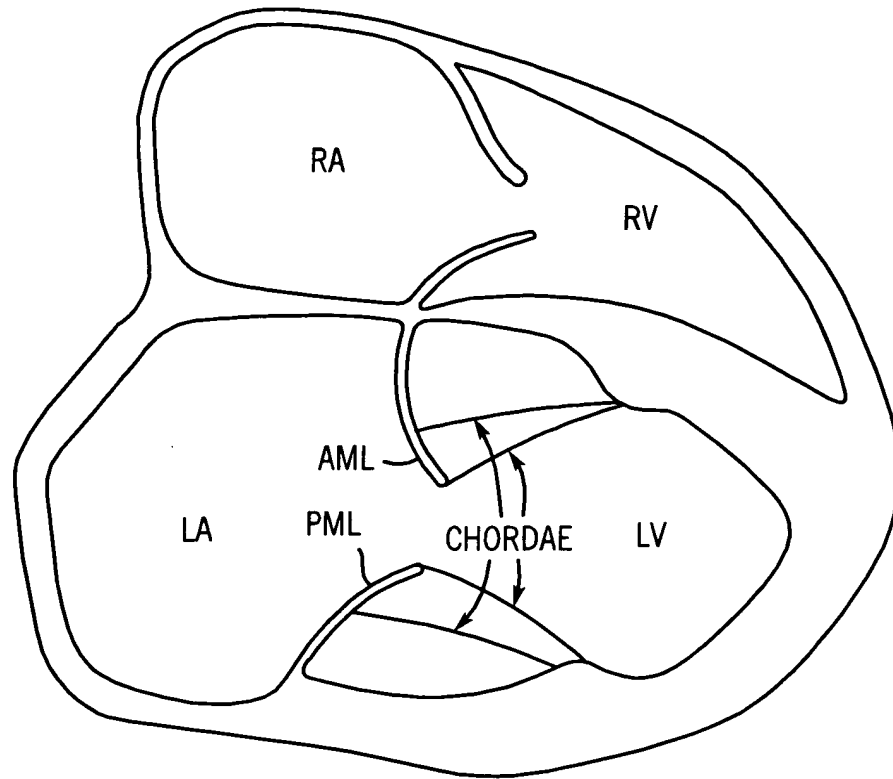


FIG. 5

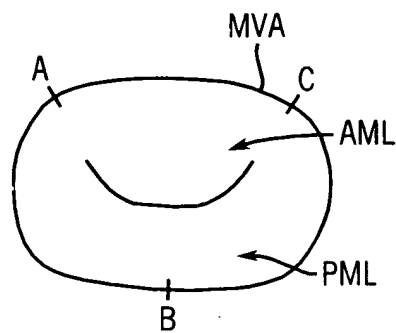


FIG. 6A

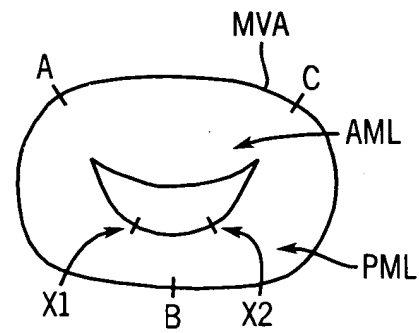


FIG. 6B

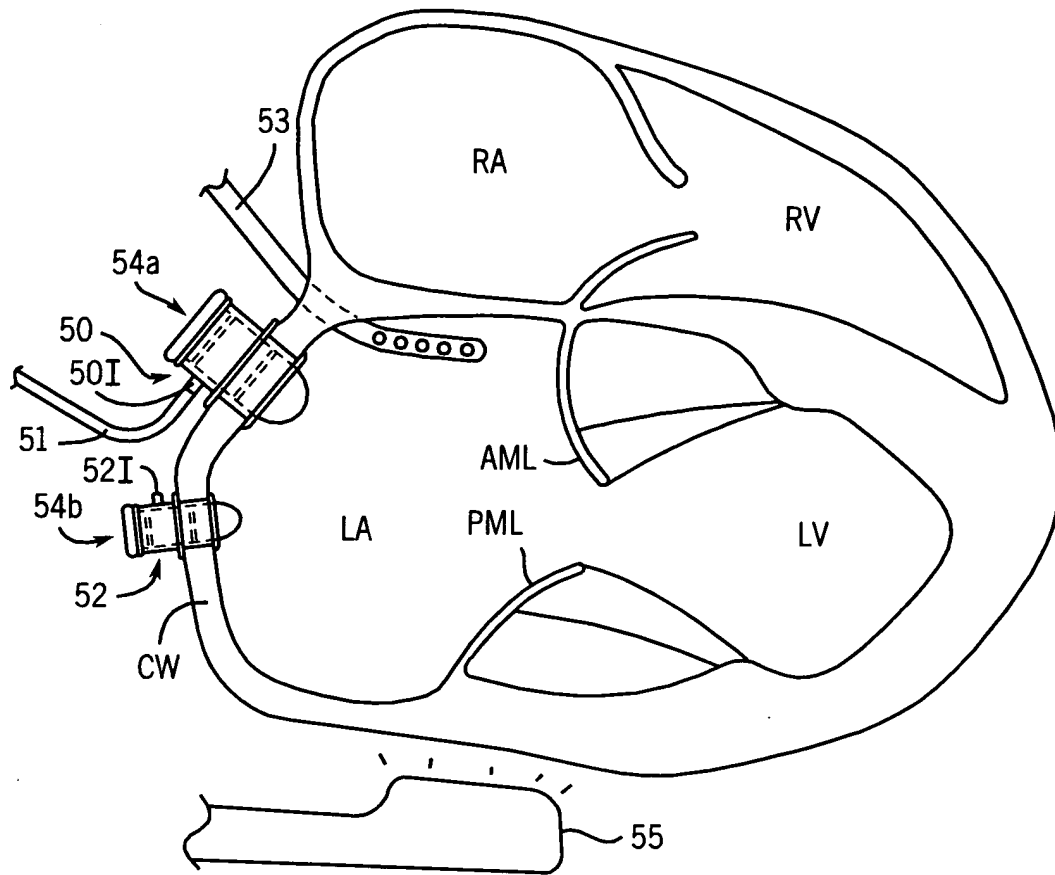


FIG. 7

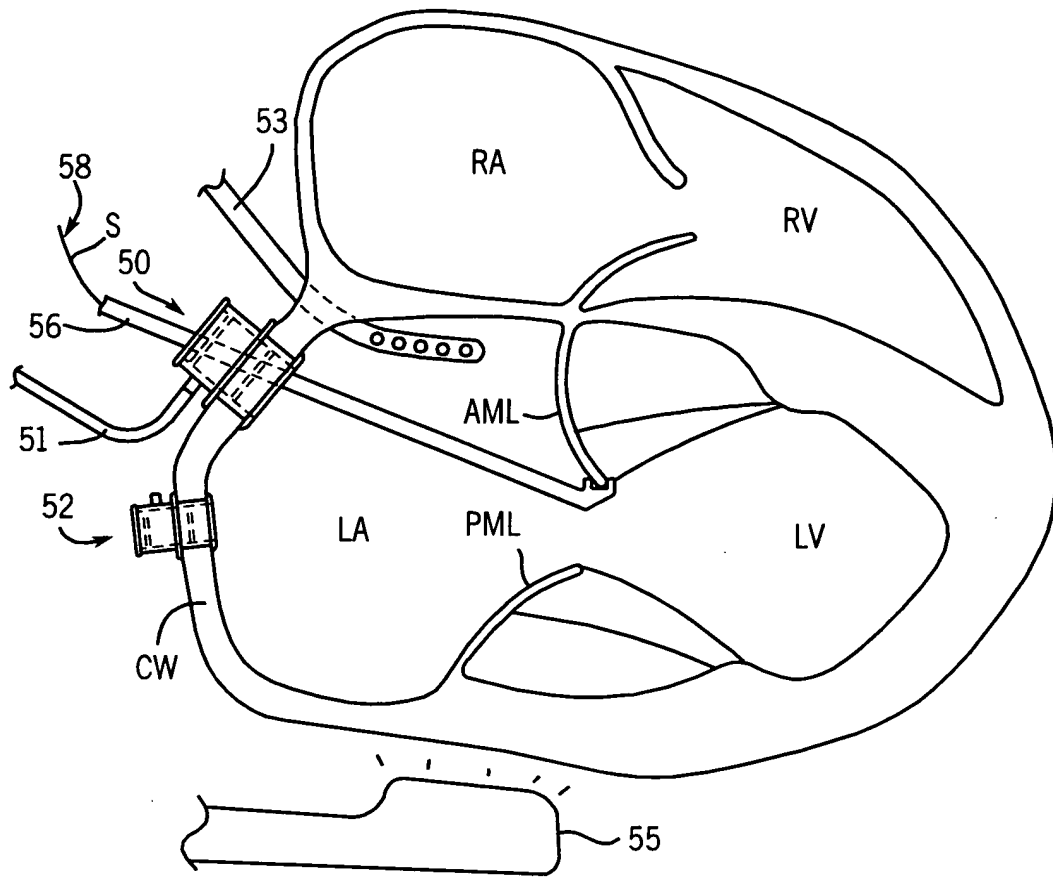


FIG. 9

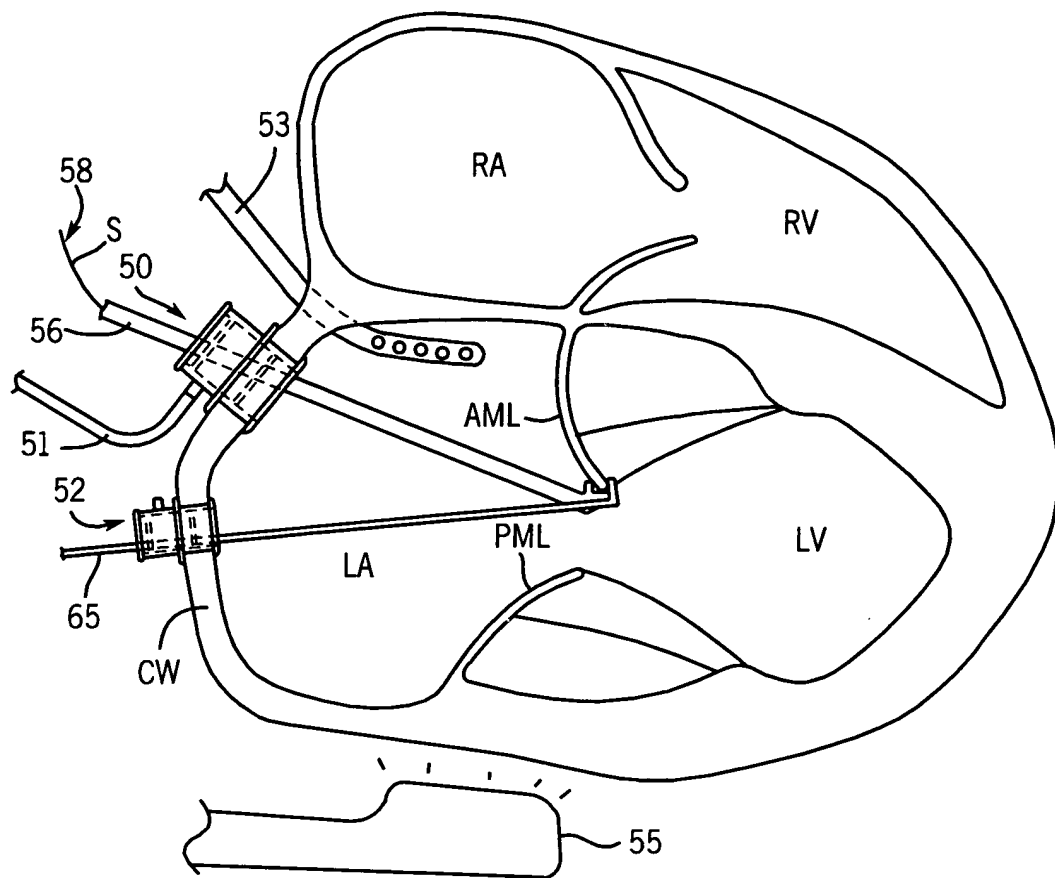


FIG. 9A

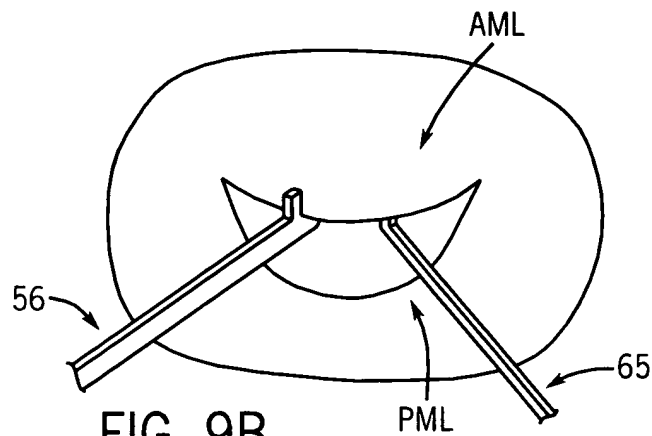


FIG. 9B

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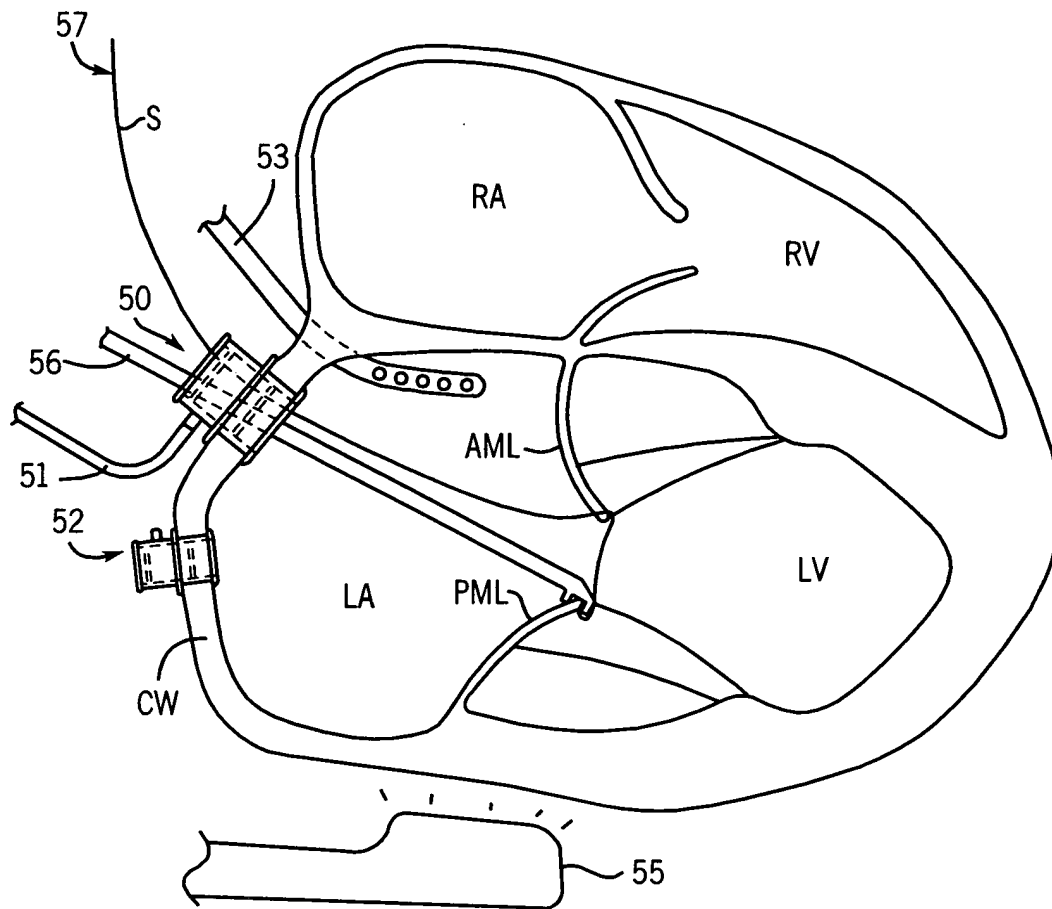


FIG. 10

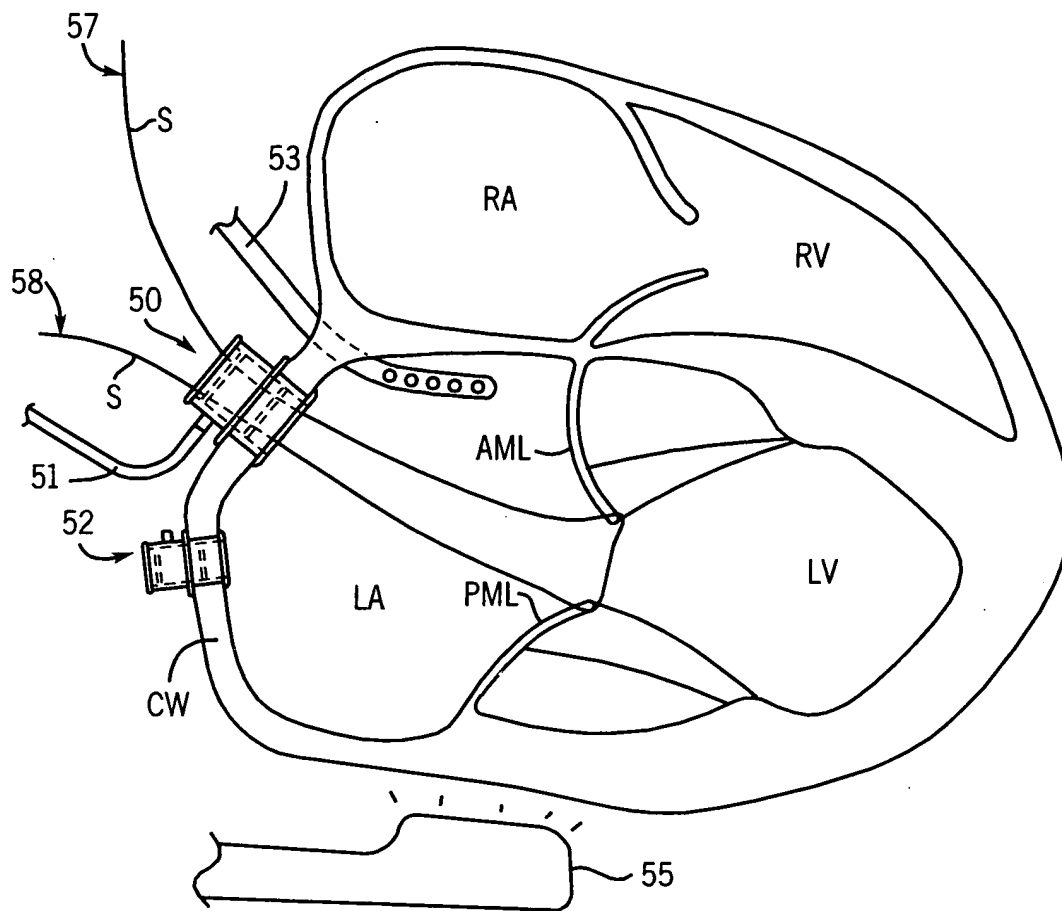


FIG. 11

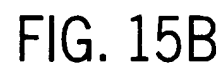
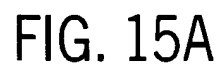


Fig. 6 shows a cross-sectional view of a catheter assembly 60. The assembly includes a central shaft 60B with a distal tip 60DE. A side channel 60CH is formed by a sleeve 70 and a plug 78. A catheter 90 is inserted into the side channel. A sheath 58 is positioned around the catheter. A proximal end 60C is shown. A scale bar indicates 7 mm.

FIG. 16

FIG. 17

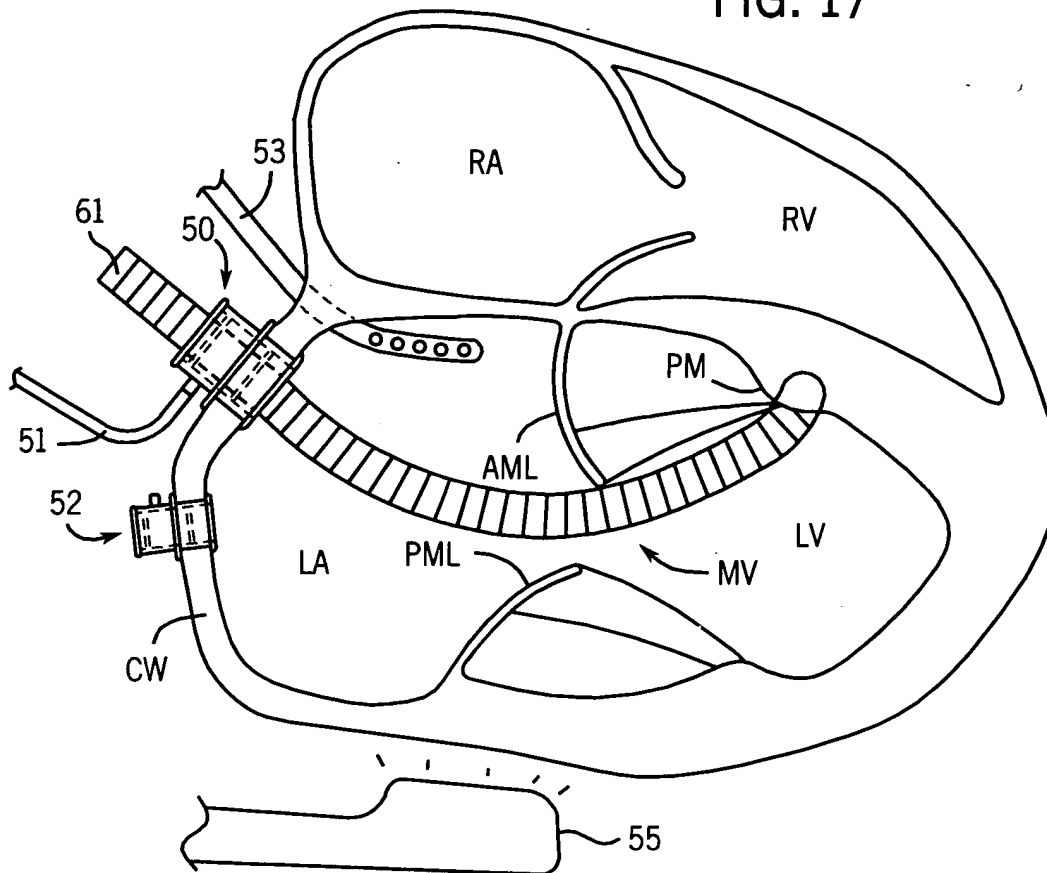
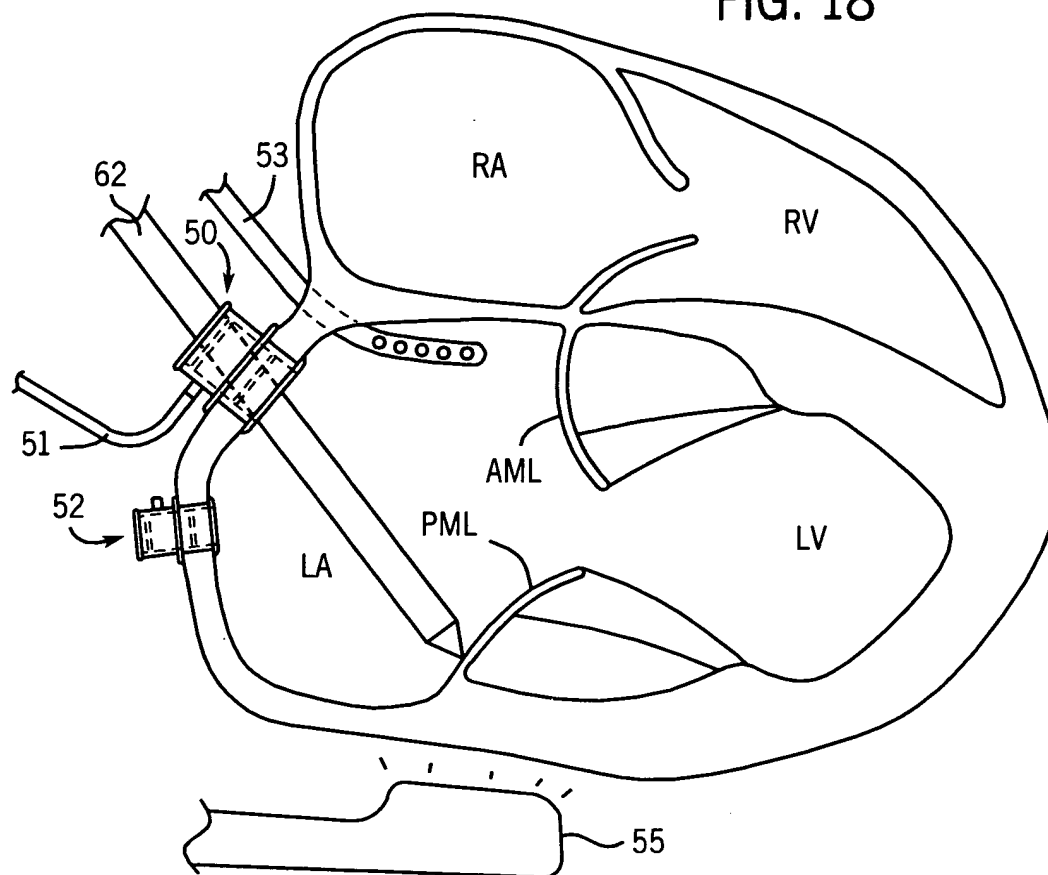


FIG. 18



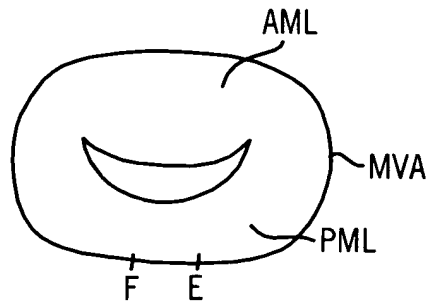


FIG. 19A

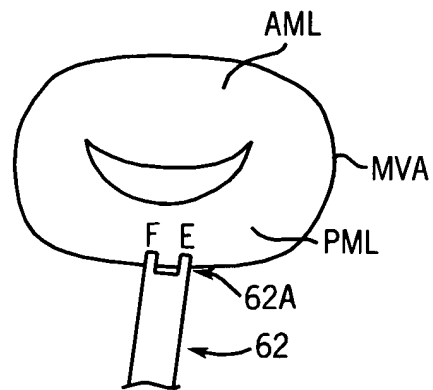


FIG. 19B

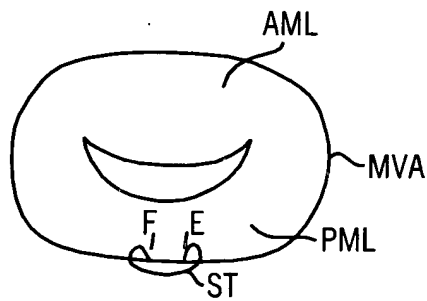


FIG. 19C

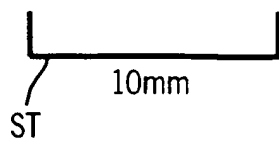


FIG. 23A



FIG. 23B

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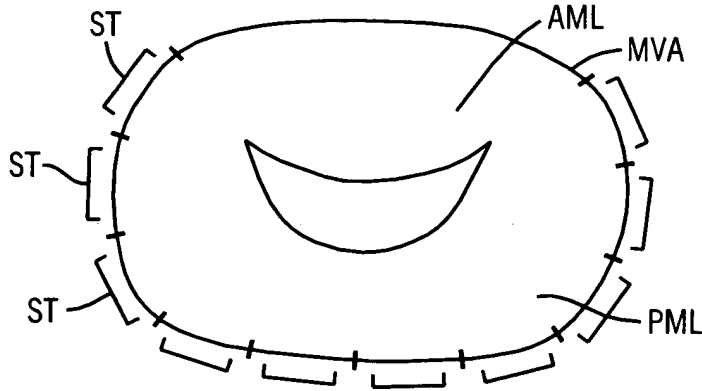


FIG. 19D

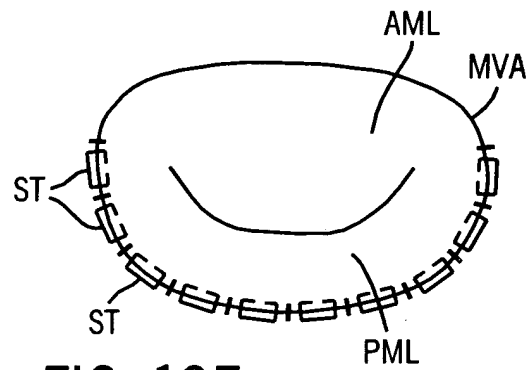


FIG. 19E

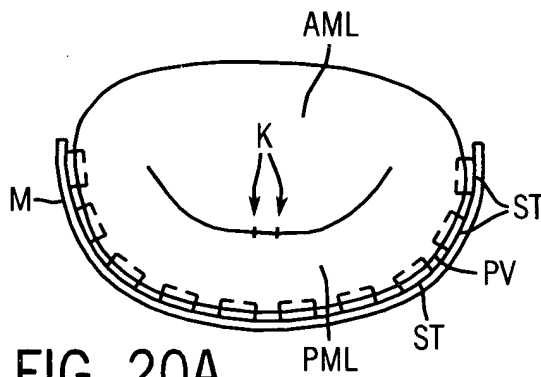


FIG. 20A

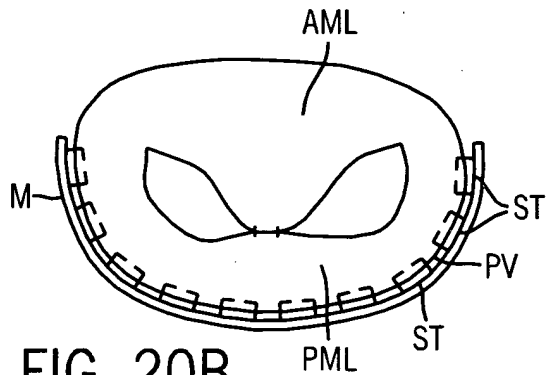


FIG. 20B

FIG. 21

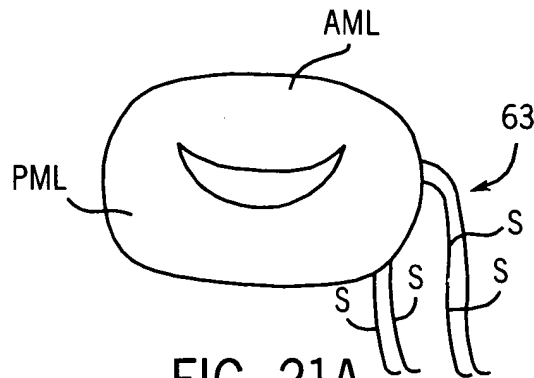
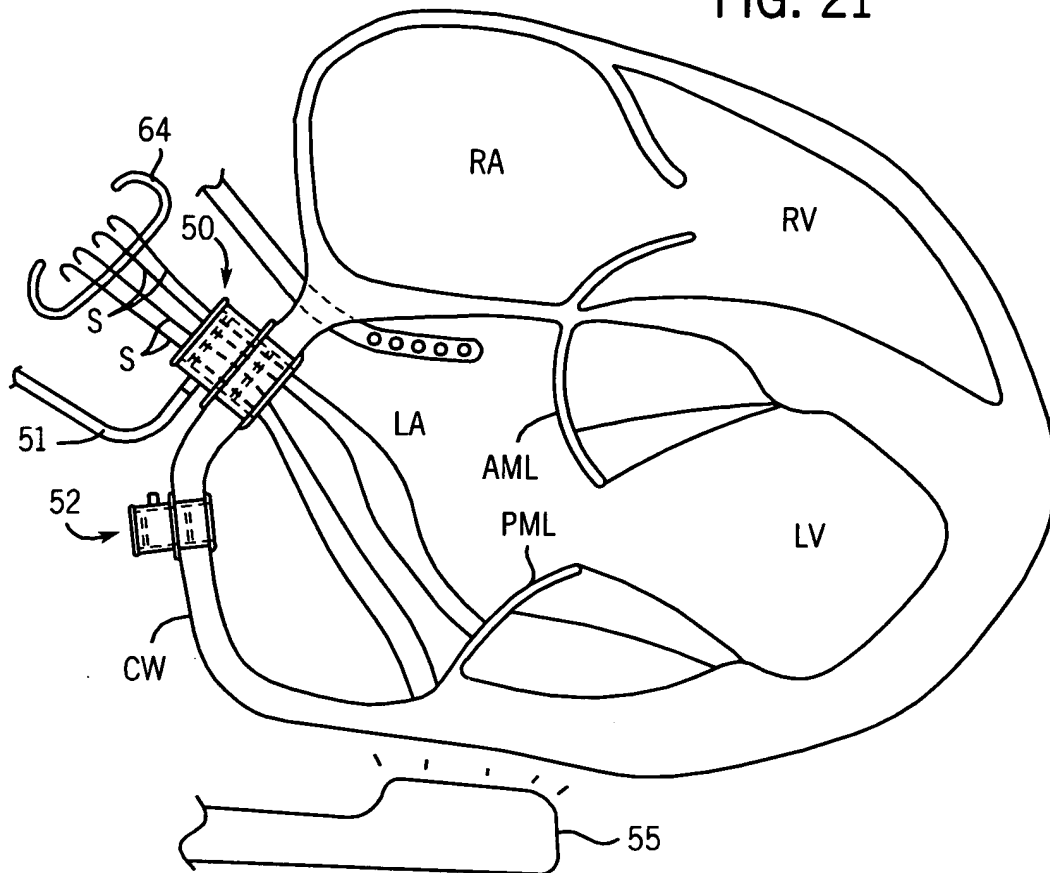


FIG. 21A

FIG. 22

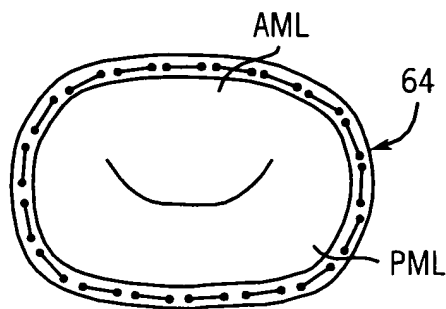
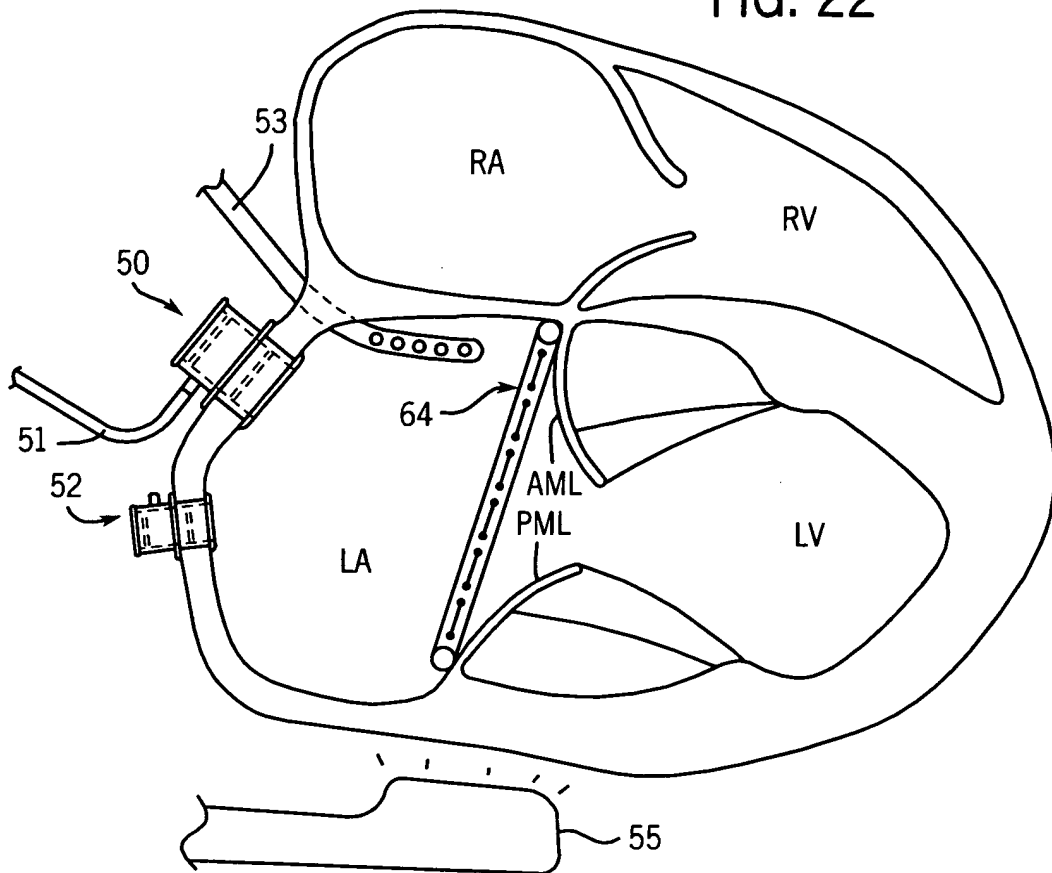


FIG. 22A

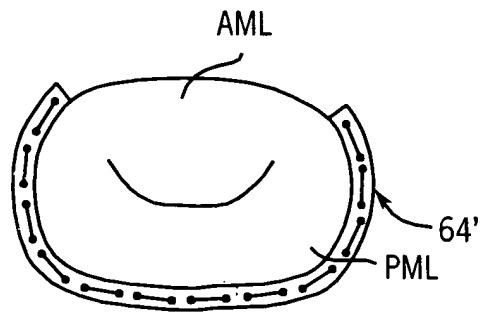


FIG. 22B